

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 2-2005)

ATTORNEY'S DOCKET NUMBER

F-60(ISZ)/TI (415000167WO)

## TRANSMITTAL LETTER TO THE UNITED STATES

DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/588336  
Not Yet AssignedINTERNATIONAL APPLICATION NO.  
PCT/2005/001986INTERNATIONAL FILING DATE  
February 3, 2005PRIORITY DATE CLAIMED  
February 6, 2004

## TITLE OF INVENTION

VEHICLE CONTROLLER OF A VEHICLE POWER TRANSMISSION DEVICE

## APPLICANT(S) FOR DO/EO/US

Masahiko HAYASHI  
Tatsuhiko EBARAASSIGNEE NAME: ISUZU MOTORS LIMITED  
ASSIGNEE RESIDENCE: Tokyo, JAPAN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto. (with Translator's Verification)
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known) (See 37 CFR 1.53) <b>10/7/2005/326</b> Not Yet Assigned	INTERNATIONAL APPLICATION NO. <b>PCT/2005/001986</b>	ATTORNEY'S DOCKET NUMBER <b>F-60(ISZ)/TI (415000167WO)</b>													
23. Other items or information: <b>Form PCT/IB/311</b> <b>Form PCT/RO/101</b> <b>International Publication and Search Report (WO 2005/075239 A1)</b> <b>5 Sheets of Formal Drawings (Figures 1-6)</b>															
The following fees have been submitted:		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE</th> </tr> </table>	CALCULATIONS	PTO USE											
CALCULATIONS	PTO USE														
24. <input checked="" type="checkbox"/> Basic national fee ..... \$300		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$300.00</td> </tr> </table>	\$	\$300.00											
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25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article ..... \$0 All other situations. .... \$200		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$200.00</td> </tr> </table>	\$	\$200.00											
\$	\$200.00														
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). ... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400 All other situations. .... \$500		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$500.00</td> </tr> </table>	\$	\$500.00											
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<b>TOTAL OF 24, 25 and 26 =</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$1,000.00</td> </tr> </table>	\$	\$1,000.00											
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Total Sheets</th> <th style="width:20%;">Extra Sheets</th> <th style="width:40%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width:20%;">RATE</th> </tr> <tr> <td>23 - 100 =</td> <td>0 /50 =</td> <td>0</td> <td>x \$250.00</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	23 - 100 =	0 /50 =	0	x \$250.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$0.00</td> </tr> </table>	\$	\$0.00				
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23 - 100 =	0 /50 =	0	x \$250.00												
\$	\$0.00														
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$0.00</td> </tr> </table>	\$	\$0.00											
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>9 - 20 =</td> <td>0</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>0 - 3 =</td> <td>0</td> <td>x \$200.00</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	9 - 20 =	0	x \$50.00	Independent claims	0 - 3 =	0	x \$200.00	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$0.00</td> </tr> </table>	\$	\$0.00
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Total claims	9 - 20 =	0	x \$50.00												
Independent claims	0 - 3 =	0	x \$200.00												
\$	\$0.00														
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$0.00</td> </tr> </table>	\$	\$0.00											
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<b>TOTAL OF ABOVE CALCULATIONS =</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$1,000.00</td> </tr> </table>	\$	\$1,000.00											
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$0.00</td> </tr> </table>	\$	\$0.00											
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$0.00</td> </tr> </table>	\$	\$0.00											
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<b>TOTAL NATIONAL FEE =</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$1,000.00</td> </tr> </table>	\$	\$1,000.00											
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$40.00</td> </tr> </table>	\$	\$40.00											
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<b>TOTAL FEES ENCLOSED =</b>		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$</td> <td style="width:50%;">\$1,040.00</td> </tr> </table>	\$	\$1,040.00											
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10/588336

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ \$1,040.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0481. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Sean M. McGinn, Esq.  
McGinn Intellectual Property Law Group, PLLC  
8321 Old Courthouse Road, Suite 200  
Vienna, Virginia 22182-3817  
Customer No.: 21254

SIGNATURE

Sean M. McGinn, Esq.

NAME

34,386

REGISTRATION NUMBER

August 3, 2006

DATE

**10/588336**

**AP20 Rec'd PCT/PTO 03 AUG 2006**

**MCGINN INTELLECTUAL PROPERTY LAW GROUP, PLLC**  
**A PROFESSIONAL LIMITED LIABILITY COMPANY**  
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**TELEPHONE (703) 761-4100**  
**FACSIMILE (703) 761-2375; (703) 761-2376**

**APPLICATION  
FOR  
UNITED STATES  
LETTERS PATENT**

**APPLICANT:**           **Masahiko HAYASHI**  
                              **Tatsuhiko EBARA**

**FOR:**                   **VEHICLE CONTROLLER OF A**  
                              **VEHICLE POWER TRANSMISSION**  
                              **DEVICE**

**DOCKET NO.:**           **F-60 (ISZ)/TI (415000167WO)**

10/588336

IAP20 Rec'd PCT/PTO 03 AUG 2006

VERIFICATION OF TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below;

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application PCT/JP2005/001986 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

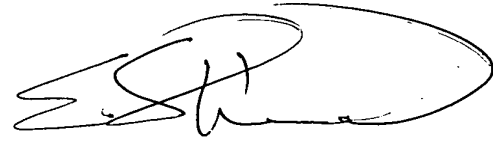
Date

July 25, 2006

Full name of the translator (typed or printed)

Eiju SHIROSAWA

Signature of the translator



Post Office Address

1-21, Nishi-Shimbashi 1-chome,  
Minato-ku, Tokyo, Japan